

**INFORMATION
DISCLOSURE STATEMENT
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

<i>Application Number</i>	107540066
<i>Filing Date</i>	
<i>First Named Inventor</i>	Shuji HAGINO
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Atty. Docket Number</i>	JP02 0030 US

- Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.
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 2. I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.
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- A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

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- previously submitted or cited in the parent application (or in a related patent application Serial No. _____ Filing Date: _____);
- cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name	Kevin Simons, Reg. No. 45,110
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Signature	<i>Kevin Simons</i>
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Date:

6/22/05

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(Name) Daniel L. Michalek

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number No.-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5 774 106	06-30-1998	FURUHASHI TSUTOMU ET AL	
		US- 5 686 933	11-11-1997	MIKI KATUMI ET AL	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number (ctry ³ -no. ⁴ -kind ⁵ , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0 469 556	02-05-1992	KAWADA, SHIGERU		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		"DRIVING METHOD FOR FTF/LCD GRayscale" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US VOL. 33, NO. 6B, 1 NOVEMBER 1990, PAGES 348-385	
		PATENT ABSTRACTS OF JAPAN VOL. 1007, NO. 01, 31 JANUARY 1997	
		FURUHASHI ET AL "A 64-GRAY-SCALE DIGITAL SIGNAL DRIVER FOR COLOR FTF-LCDs" SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS. SAN JOSE, JUNE 14-16, 1994, SANTA ANA, SID, US, VOL. 25, 14 JUNE 1994, PAGES 359-362	

Examiner Signature	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.